Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 13 Sep 2021 until 23:59 on Tuesday 14 Sep 2021

Forecast Issued on Sunday 12 Sep 2021 at 14:59

Confidence: High confidence in unsettled weather, moderate confidence in timing and intensity of precipitation.

Headline for Monday 13 Sep 2021: Cloudy with persistent light rain

Mountain weather hazards on Monday 13 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Light rain	Light rain	Light rain	Light rain	Heavy rain showers (night)
Precipitation probability							
50%	60%	70%	70%	50%	40%	40%	50%

Forecast for Monday 13 Sep 2021

Weather: Overcast with rain and drizzle during the early hours of the morning. The cloud may lift slightly during the morning, but some heavier bursts of rain are also possible during this time. Into the afternoon conditions will steadily improve from the south, as the cloud lifts and the rain becomes lighter and more sporadic. Remaining much the same overnight; cloudy with outbreaks of rain that may be heavy towards midnight.

Chance of cloud free mountain/hill tops above 600m: 30% increasing to 80% during the afternoon

Visibility: Widespread poor visibilities across the summits with cloud base 400-500m. Improving during the afternoon but light rain will mean visibility is good at best.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 13 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 E	14/20 E	15/21 E	17/23 SE	15/22 SE	13/19 SE	14/21 SE	12/18 SE	10/15 SE
300	8/16 E	9/15 E	9/14 NE	13/20 E	11/18 SE	9/16 SE	8/14 E	9/15 E	7/12 SE
Valley	11/21 E	11/20 E	12/22 E	11/21 E	10/19 SE	7/16 SE	7/13 E	6/14 E	5/12 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	9/6	9/6	10/6	11/8	12/9	12/9	11/9	11/9
300	12/10	12/10	12/10	12/10	13/11	14/13	14/12	14/12	13/12
Valley	12/10	12/10	12/10	13/11	14/12	14/14	14/13	14/13	14/13
Freezing Level*	2500m	2600m	2600m	2600m	2700m	2700m	2600m	2600m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Although rain will be mostly light, it will be fairly persistent and wet weather equipment will be required. In addition, opportunity for good views of other summits will be limited, particularly in the morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 12 Sep 2021	0mm	2.2mm	8.6mm

Forecast for Tuesday 14 Sep 2021

Weather: The last of yesterday's rain should clear during the early hours of the morning, but widespread low cloud is expected to remain over the summits. This will be slow to lift and break during the morning and by afternoon there will be plenty of sunny spells, however there will also be isolated light showers.

Maximum wind: Easterly 5-10mph

Chance of cloud free mountain/hill tops above 600m: 20% increasing to 90% during the morning.

Visibility: Poor in cloud base 300-400m at first, improving to good later in the morning, potentially very good during the afternoon.

Temperature: **Valleys:** Plus 9 Celsius increasing to Plus 18 Celsius.
At 600m: Plus 12 Celsius
Freezing level: Above summits

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